

Converting Colors

YUV(49.6410, 41.5890, 7.3308)

Have a look what the booklet for
YUV(49.6410, 41.5890, 7.3308)
contains.

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Color

**YUV(49.6410, 41.5890,
7.3308)**

Conversions

Conversions Part 1

Format	Color
Hex	3A1D86
RGB	58, 29, 134
RGB Percent	23%, 11%, 53%
CMY	0.7725, 0.8863, 0.4745
CMYK	0.57, 0.78, 0.00, 0.47
HSL	257°, 64%, 32%
HSV	257°, 78%, 53%
XYZ	6.4874, 3.4995, 22.8878
YIQ	49.6410, -16.4210, 38.8030

Conversions

Conversions Part 2

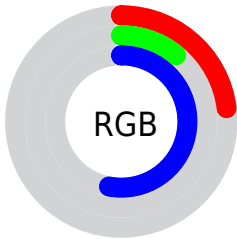
Format	Color
R_{YB}	58, 29, 134
Decimal	3808646
CIE _{Lab}	21.94, 40.79, -53.50
CIE _{LCh}	22, 67.276, 307.324
Yxy	3.4995, 0.1973, 0.1064
Android (android.graphics.Color)	4281998726 (0xFF3A1D86)
YUV	49.6410, 41.5890, 7.3308
Hunter-Lab	18.7070, 29.1647, -59.4460

Details

The YUV color **49.6410, 41.5890, 7.3308** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **113.3590, -41.5890, -7.3308**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.7170, 43.0305, 11.6492**, and **9.4620, 36.2542, -8.2982** is the 20% darker color. If you saturate the color by 10%, you get **39.0200, 46.8251, 7.8755**, and if you desaturate by 10%, it is **60.2620, 36.3528, 6.7862**.

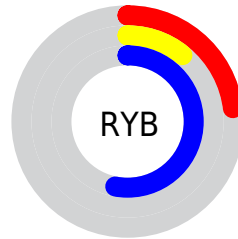
Distribution



Red (23%)

Green (11%)

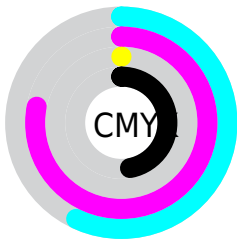
Blue (53%)



Red (23%)

Yellow (11%)

Blue (53%)

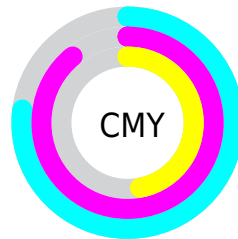


Cyan (57%)

Magenta (78%)

Yellow (0%)

Black (47%)



Cyan (77%)

Magenta (89%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.6410, 41.5890, 7.3308 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 49.6410, 41.5890, 7.3308 by changing the saturation by 10% instead.

■ 49.6410, 41.5890,
7.3308

■ 49.6410, 41.5890,
7.3308

■ 255.0000, 0.0000,
0.0000

■ 22.4340, 42.1840,
3.1274

■ 100.7170, 43.0305,
11.6492

■ 9.4620, 36.2542,
-8.2982

■ 126.3690, 44.1881,
13.7084

■ 7.3130, 25.4817,
-6.4135

■ 153.3090, 45.2037,
14.6380

■ 5.2780, 15.1459,
-4.6288

■ 178.9690, 37.4833,
17.5672

■ 1.3680, 5.2416,
-1.1997

■ 203.4890, 25.3949,
21.4961

■ 0.0000, 0.0000,
0.0000

■ 227.9980, 13.3120,

23.6808

244.4340, 5.2090,
9.2664

49.6410, 41.5890,
7.3308

49.6410, 41.5890,
7.3308

39.0200, 46.8251,
7.8755

60.2620, 36.3528,
6.7862

28.1110, 52.2033,
9.5497

71.1710, 30.9747,
5.1120

26.3390, 53.0769,
9.3497

81.7920, 25.7385,
4.5674

93.0000, 20.2130,
3.5080

103.3220, 15.1243,
2.3486

■ 113.9430, 9.8881,
1.8040

■ 125.1510, 4.3626,
0.7446

■ 135.7720, -0.8736,
0.2000

■ 146.6810, -6.2517,
-1.4742

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.1290, 51.2084, -44.8401



49.6410, 41.5890, 7.3308



45.4710, 22.9388, 62.7309

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.6410, 41.5890, 7.3308



47.7760, -23.5536, 41.4154



48.3860, 7.6977, -42.4345

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49.6410, 41.5890, 7.3308



113.3590, -41.5890, -7.3308

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.7140, -16.6210, -35.7062



49.6410, 41.5890, 7.3308



48.7300, -24.0239, 5.4988

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.6410, 41.5890, 7.3308



36.7770, -18.1311, 75.6176



37.5680, -18.5210, -32.9471



54.5590, 28.8114, -47.8482

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.6410, 41.5890, 7.3308



45.8950, 6.4608, 74.6371



37.5680, -18.5210, -32.9471



46.4480, 0.2721, -40.7349

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49.6410, 41.5890, 7.3308



139.9630, 16.2872, 2.6634



86.1690, 23.5807, -50.1372



66.9430, 9.8881, 1.8040



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.6410, 41.5890, 7.3308



42.0370, 64.5648, 11.3686



65.1890, 33.9238, 39.2992



61.2820, 2.3260, 0.6297



25.5840, 51.4771, 9.1348



0.6410, 1.1630, 0.3148

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69.0590, 17.7189, 56.9533



72.1890, 27.5148, 88.4112



98.1100, -34.0712, -38.6845



62.2500, 0.8628, 3.2888



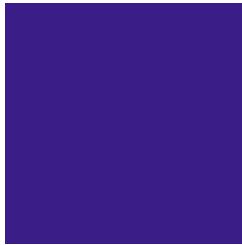
49.5860, 21.8961, 70.5231



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 49.6410, 41.5890, 7.3308 looks on a white background.

Color Contrast Check

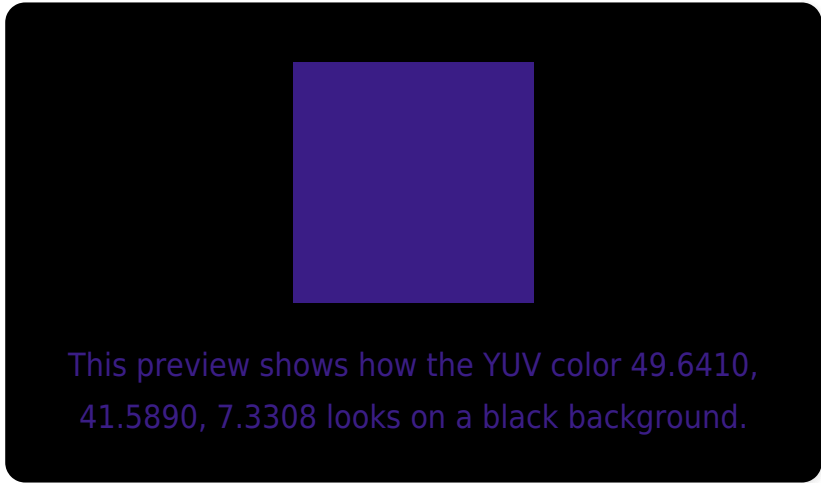
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

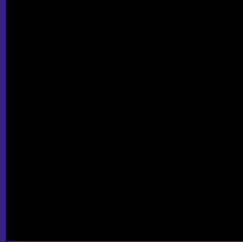
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 49.6410, 41.5890, 7.3308

Background



This preview shows how black text looks on a background with the YUV color 49.6410, 41.5890, 7.3308.



This preview shows how white text looks on a background with the YUV color 49.6410, 41.5890,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

49.6410, 41.5890, 7.3308

Protanopia

42.2490, 32.4152, -37.0524

Tritanopia

49.7960, 6.0166, -16.4841

Trichromacy



Original Color

49.6410, 41.5890, 7.3308

Protanomaly

44.8580, 35.5660, -20.9235

Tritanomaly

49.8800, 18.7932, -7.7878

Monochromacy



Original Color

49.6410, 41.5890, 7.3308

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.7350, 15.4136, 2.8634

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.6410, 41.5890, 7.3308 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(58, 29, 134)` looks like.

```
.text, #text, p{  
    color:rgb(58, 29, 134)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(58, 29, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 29, 134) }
```

Border

The CSS property to change the border of an element to YUV 49.6410, 41.5890, 7.3308 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(58, 29, 134) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(58, 29, 134) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(58, 29, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 29, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 29, 134);  
box-shadow:4px 4px 4px 4px rgb(58, 29,  
134) }
```


Background

The CSS property to change the background color of an element to YUV 49.6410, 41.5890, 7.3308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 29, 134) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(58, 29,  
134) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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